

ABSTRACT OF THE DISCLOSURE

A package for a fiber optic transceiver that integrates the intermediate rear gasket into the lower body of the transceiver package. As such, the EMI fingers are much thicker than current art EMI fingers, 0.010" thick as compared to current art 0.002" thick.

5 In current art devices, providing such robust EMI fingers is not possible. The connecting pins that secure the transceiver cage to the PCB are self-centering press-fit pins formed from a plurality of legs. At least one of the legs provides an electrical connection point for the transceiver on which the pins are used. The connecting pin is formed so that the legs act as leaf springs to securely hold the connector in place in the proper installation
10 hole in the board on which the transceiver is installed. The pins are stamped from sheet metal with a progressive die process. By changing the amount of flexion in the legs of the pin, the pressure required to insert the pin into a connection hole, and hence the retaining pressure, can be varied.